


NOTES FOR STORMWATER PLANTERS

1. WIDTH AND LENGTH OF PLANTER IS BASED ON SITE CONDITIONS AND STORMWATER TREATMENT VOLUME.
2. LOCATE ALL UTILITIES PRIOR TO DESIGN. SITE CONDITIONS WILL VARY AND SIGNIFICANT DESIGN ADAPTATIONS MAY BE NEEDED TO ADDRESS UTILITY CONFLICTS, STEEP SLOPES, AND OTHER CONSTRAINTS.
3. IF SLOPE OF ROAD AND SIDEWALK ALLOW, PLANTERS SHOULD BE BUILT WITH LEVEL PLANTING AREAS (0% SLOPE LONGITUDINALLY) FOR MAXIMUM STORMWATER TREATMENT VOLUME.
4. LONGITUDINAL SLOPES OF CURBS SURROUNDING PLANTER MATCH ROAD. LEVEL BOTTOM PLANTERS HAVE A MAXIMUM DEPTH OF 18" BELOW SURROUNDING CURB AT DEEPEST POINT.
5. CROSS SLOPES SHOULD ALWAYS BE AS CLOSE TO LEVEL (0% SLOPE) AS POSSIBLE.
6. CURBS, GUTTERS, STREETS, AND SIDEWALKS SHALL CONFORM TO CITY OF ATLANTA STANDARDS.
7. PROVIDE ELEVATIONS AT ALL INLETS AND OUTLETS, AS WELL AS ALL GRADES ON STREET AND BOTTOM OF PLANTER.
8. SIDEWALK ELEVATION MUST BE HIGHER THAN MAXIMUM FLOW OR POOL ELEVATION.
9. PLANTERS MUST BE ABLE TO WITHSTAND STORMWATER FLOWS WITHOUT EROSION OR OTHER DAMAGE. INLETS SHOULD BE SIZED AND CHECK DAMS USED TO ENSURE APPROPRIATE VELOCITIES.
10. ALL PLANTERS MUST BE FULLY VEGETATED. SUGGESTED SPECIES CAN BE FOUND IN THE GEORGIA STORMWATER MANAGEMENT MANUAL, VOL. 2, APPENDIX F.
11. ALL VEGETATED AREAS MUST BE MULCHED WITH EITHER 2–3" OF NON-FLOATABLE ORGANIC MULCH (SUCH AS SHREDDED HARDWOOD OR LEAF MOULD) OR STONE. STONE MULCH MAY BE NEEDED IN AREAS OF STRONG FLOWS TO PREVENT EROSION. ALL PONDING ELEVATIONS SHOWN IN DETAILS ARE ASSUMED TO BE MEASURED FROM TOP OF MULCH LAYER
12. BIORETENTION SOIL MUST CONFORM TO PERFORMANCE STANDARDS DETAILED IN SPECIFICATIONS.
13. BIORETENTION SOIL MUST BE A MIN. OF 24" DEEP AT SHALLOWEST POINT. 36" DEPTH IS REQUIRED FOR PLANTING TREES.
14. UNDERDRAINS MAY BE REQUIRED UNLESS INFILTRATION TESTS IN SOILS AT BOTTOM OF PLANTER SHOW SATURATED INFILTRATION RATES OF GREATER THAN $\frac{1}{2}$ INCH PER HOUR (1 FOOT/DAY).

THIS DETAIL WAS TAKEN FROM THE CITY OF ATLANTA'S WEBSITE. IT MAY HAVE BEEN MODIFIED AND SHOULD BE REVIEWED THOROUGHLY.

<div style="text-align: center;"> City of Atlanta  </div>	STANDARD DETAILS STORMWATER PLANTER NOTES		REV. DATE: APRIL 2012 ORIG. DATE: SCALE: N.T.S.
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